

Date: March 17, 2017

To: All HQ Directors: Operations, Planning & Major Projects
All Regional Directors
All Project Managers and Supervisors
All District Managers Transportation
Manager, Provincial Sign Program

Subject: C-035 CONSTRUCTION PROJECT SIGNS (2017 Update, #2)

Background:

This Technical Circular supersedes T-02/17 and T-03/15 *C-035 Construction Project Signs (2015 Update)*. The BC C-035 construction project sign has been revised to include the C-035-Jobs series which includes the number of jobs created for projects that are over **\$1 million**. The previous 2017 update applied the C-035-Jobs series signs to projects over \$10 million. The field installation procedures remain the same. This update is to be applied to new projects. Existing signs in the field will not be changed out.

Policy:

Signs must be erected for rehabilitation and expansion capital projects with an approximate value of \$500,000 or greater. Signs may be erected for a smaller project if the construction duration is expected to be longer than two months and the project is located in a high traffic area. C-035 signs should include the full project value.

For project values less than \$1 million, the C-035 series, which does not include job numbers, is to be used. For project values more than \$1 million, the C-035-Jobs series, which includes job numbers, is to be used.

The project manager is responsible for providing the number of direct jobs created for projects that are over \$1 million based on the current BC Stats model. This number is to be consistent with the jobs created number used in public communications on the project.

In addition, the project manager is responsible for the timely ordering of the C-035 signs from a sign manufacturer, providing the appropriate project information to produce the signs and arranging delivery to the contractor. The new C-035 sign record will be available on the Ministry web page located at:

http://www.th.gov.bc.ca/publications/eng_publications/geomet/geometsigns.htm

Installation

C-035 signs should be erected at an appropriate time either for announcements or the commencement of project construction. One sign should be installed, per direction, entering the project. C-035 signs should be erected close to the beginning of the project at a site which will not interfere with other construction and highway signage.

The C-035-EOP End of Project sign should be erected just beyond the project's "limit of construction" boundary.

At the completion of the project, the C-035-CMP Completed tab is to be applied to the C-035 sign as illustrated on the attached sign records.

Removal

The C-035-EOP End of Project sign should be removed from the right-of-way at the completion of the project. The C-035-EOP sign may be stored and re-used if it remains in good condition.

The C-035 sign and the C-035-CMP tabs should remain installed for no longer than six months after completion of the project at which time, weather dependent, the signs and tabs should be removed from the right-of-way. Sign removal shall occur sooner if removal is not practical due to frozen ground or severe weather. The "Completed" tab may be stored and re-used if it remains in good condition.

On those projects where Federal or other sponsor signs are also utilized, those signs should be removed at the same time as the C-035 signs.

Sign Package

The C-035 construction sign package for Ministry projects is attached to this Technical Circular. The information on the sign must contain:

For projects less than \$1 million

- Project Location, (20 characters maximum)
- Project Description, (20 characters maximum)
- Expected Completion Date, (by season) e.g. Summer 2015
- Full Project Value, e.g. Value \$8.8 Million

For projects over \$1 million

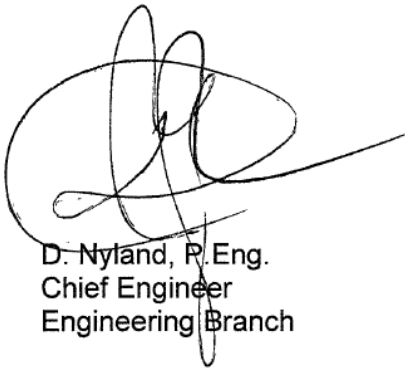
- Project Location, (20 characters maximum)
- Project Description, (20 characters maximum)
- Expected Completion Date, (by season) e.g. Summer 2015
- Full Project Value, e.g. Value \$8.8 Million
- Number of Jobs Created

Existing Signs

C-035 construction signs currently installed on highway right of way shall not be replaced to reflect the updated graphics in the Technical Circular.

Contact:

Ross McLean, Provincial Sign Program Manager (250) 371-3808

A handwritten signature in black ink, appearing to be 'D. Nyland', written over a printed name and title.

D. Nyland, P. Eng.
Chief Engineer
Engineering Branch

cc: Ed Miska, Executive Director, Engineering Services
Kenedee Ludwar, Director, Traffic and Highway Safety Engineering
Jerry Froese, Manager, Traffic Policy and Standards

Attachments:

C-035 Series

Construction Project Signs

Fabrication Specifications

March, 2017

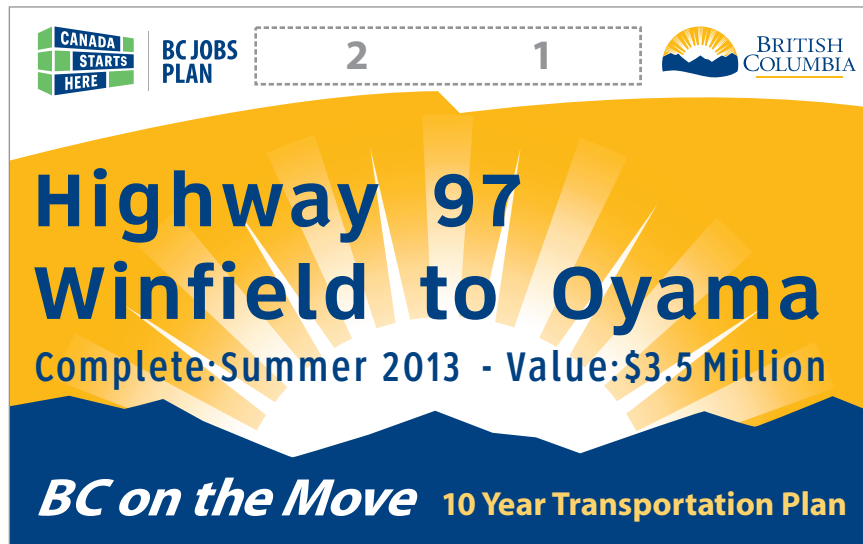
5 pages (including cover)



Ministry of
Transportation
and Infrastructure

Sign Use: Project Value - Less than \$1 million

Project Partnership Logos



White Background
ASTM Type 1



Yellow Background & Sunburst
Custom Transparent Ink



Dark Blue Mountainscape
Custom Transparent Ink



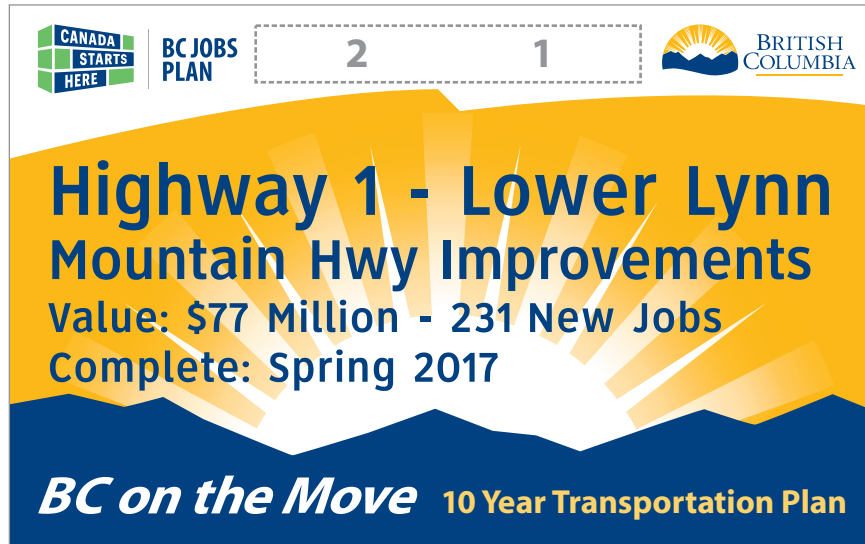
Text- (10 Year Transportation Plan)
Custom Transparent Ink

Plywood edges must be sealed. The edges and back of the plywood sign shall be painted green (pantone 349C) with one coat of exterior oil based enamel paint over a compatible primer per Sec. 635.26 of the Standard Specification for Highway Construction.

Sign Item Number	Dimensions (W x H) mm	Substrate Sign Blank #	Reflectivity	Colour	Approval Required	Typical Application
C-035-u	1951 x 1220	12 mm MDO PLY	1	As Indicated	-	Local Road / Low Speed - URBAN
C-035	3660 x 2286	12 mm MDO PLY	1	As Indicated	-	Arterial or Expressway
C-035-x	4880 x 3050	12 mm MDO PLY	1	As Indicated	-	Freeway ONLY

Sign Use: Project Value - \$1 million or more

Project Partnership Logos



White Background
ASTM Type 1



Yellow Background & Sunburst
Custom Transparent Ink



Dark Blue Mountainscape
Custom Transparent Ink



Text- (10 Year Transportation Plan)
Custom Transparent Ink

Plywood edges must be sealed. The edges and back of the plywood sign shall be painted green (pantone 349C) with one coat of exterior oil based enamel paint over a compatible primer per Sec. 635.26 of the Standard Specification for Highway Construction.

Sign Item Number	Dimensions (W x H) mm	Substrate Sign Blank #	Reflectivity	Colour	Approval Required	Typical Application
C-035-Jobs-u	1951 x 1220	12 mm MDO PLY	1	As Indicated	-	Local Road / Low Speed - URBAN
C-035-Jobs	3660 x 2286	12 mm MDO PLY	1	As Indicated	-	Arterial or Expressway
C-035-Jobs-x	4880 x 3050	12 mm MDO PLY	1	As Indicated	-	Freeway ONLY



Ministry of
Transportation
and Infrastructure

STANDARD

Highway Engineering Standard Signs





Catalogue Item #

**C-035-CMP
Series**



Sign Item Number	Dimensions (W x H) mm	Substrate Sign Blank #	Reflectivity	Colour	Approval Required	Typical Application
C-035-CMP-u	1424 x 205	0.081 Aluminum	1	As Indicated	-	Local Road / Low Speed - URBAN
C-035-CMP	2573 x 368	0.081 Aluminum	1	As Indicated	-	Arterial or Expressway
C-035-CMP-x	3404 x 490	0.081 Aluminum	1	As Indicated	-	Freeway ONLY



- 
C0
M0
Y0
K0
White Background
ASTM Type 1
- 
C0
M30
Y100
K0
Yellow Background & Sunburst
Custom Transparent Ink
- 
C100
M67
Y0
K23
Dark Blue Mountainscape
Custom Transparent Ink
- 
C0
M30
Y100
K0
Text- (10 Year Transportation Plan)
Custom Transparent Ink

Plywood edges must be sealed. The edges and back of the plywood sign shall be painted green (pantone 349C) with one coat of exterior oil based enamel paint over a compatible primer per Sec. 635.26 of the Standard Specification for Highway Construction.

Sign Item Number	Dimensions (W x H) mm	Substrate Sign Blank #	Reflectivity	Colour	Approval Required	Typical Application
C-035-EOP	1951 x 1220	12 mm MDO PLY	1	As Indicated	-	Local Road / Low Speed to Freeway
-	-	-	-	-	-	-
-	-	-	-	-	-	-